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International Application No PCT/EP2004/051136

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E05B65/20 E05B E05B47/00 E05F15/16 B60J5/04 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 E05F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. X EP 1 149 969 A (MERITOR LIGHT VEHICLE 1-4.8SYSTEMS LTD) 31 October 2001 (2001-10-31) paragraph '0016!; figures 1-5 X US 6 075 298 A (TILLI CHRISTOPHER R ET AL) 1-4,813 June 2000 (2000-06-13) column 4, line 38 - line 51; figure 2 column 6, line 4 - line 15; figure 8 X US 5 920 158 A (FALCOFF MONTE L ET AL) 1,2,8 6 July 1999 (1999-07-06) column 6, line 20 - line 39; figure 16 X US 4 478 004 A (ANDREI-ALEXANDRU MARCEL 1,2,8 ET AL) 23 October 1984 (1984-10-23) the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date "A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Invention "E" earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docucitation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 30 August 2004 09/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, PEREZ MENDEZ, J Fax: (+31-70) 340-3016

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